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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/797,437	
	Filing Date	March 10, 2004	
	First Named Inventor	Noel B. Dequina	
	Art Unit	2838	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	INSL.0092

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input checked="" type="checkbox"/> Reply to Notice to File Corrected Application Papers	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Gary R Stanford, Reg. No. 35,689
Signature	<i>Gary Stanford</i>
Date	July 14, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Helen Q. Morgan		
Signature	<i>Helen Q. Morgan</i>	Date	July 14, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Noel B. Dequina, et al.

Serial No.: 10/797,437

Filed: March 10, 2004

Confirmation No.: 4464

Title: SYSTEM AND METHOD OF  
DETECTING PHASE BODY DIODE  
USING A COMPARATOR IN A  
SYNCHRONOUS RECTIFIED FET  
DRIVER

§ Attorney Docket: INSL.0092

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§ Group Art Unit: 2838

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§ Examiner: Unassigned

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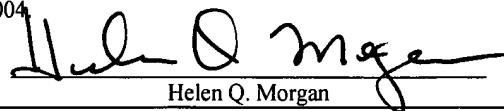
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CERTIFICATE OF MAILING

Pursuant to 37 C.F.R. Sec. 1.8, I hereby certify that this paper is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 14, 2004.

  
Helen Q. Morgan

**REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is intended as a full reply to Notice to File Corrected Application Papers mailed May 26, 2004. The application was considered informal since numbers, letters, and reference characters on the drawings did not measure at least 0.32 cm (1/8 inch) in height.

Applicant submits herewith 3 sheets of substitute drawings in accordance with 37 CFR 1.84. The drawing sheets are substantially identical with the originally-filed 3 drawing sheets. Applicant submits that no new matter has been added and that the substitute drawing sheets are in full compliance with 37 CFR 1.84.

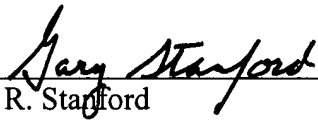
Applicants believe no fee is required. If there are any fees due, the Commissioner is hereby authorized to charge the fees to Deposit Account 50-1469.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

Date: July 14, 2004

By:

  
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IPW



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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/797,437	03/10/2004	Noel B. Dequina	INSL.0092

CONFIRMATION NO. 4464

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## FORMALITIES LETTER



\*OC000000012783140\*

Date Mailed: 05/26/2004

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) 1, 4.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

T.C.V.  
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PART 2 - COPY TO BE RETURNED WITH RESPONSE